

## EAST Search History

| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| L1    | 13     | ((GEORGE) near2 (POPESCU)).INV.   | US-PGPUB; USPAT  | OR               | ON      | 2008/09/10 12:56 |
| L2    | 143    | ((ZHEN) near2 (LIU)).INV.   | US-PGPUB; USPAT  | OR               | ON      | 2008/09/10 12:56 |
| L3    | 29     | ((SAMBIT) near2 (SAHU)).INV.  | US-PGPUB; USPAT  | OR               | ON      | 2008/09/10 12:56 |
| L4    | 79229  | (International ADJ Business ADJ MAchines).AS.   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/10 12:57 |
| S1    | 9      | ((GEORGE) near2 (POPESCU)).INV.   | US-PGPUB; USPAT  | OR               | ON      | 2007/10/24 12:36 |
| S2    | 87     | ((ZHEN) near2 (LIU)).INV.   | US-PGPUB; USPAT  | OR               | ON      | 2007/10/24 12:37 |
| S3    | 24     | ((SAMBIT) near2 (SAHU)).INV.  | US-PGPUB; USPAT  | OR               | ON      | 2007/10/24 12:37 |
| S4    | 11872  | (clustering grouping) WITH (node server computer)   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/24 12:39 |
| S5    | 826400 | (networking network communication cluster clustering) WITH (management managing control controlling topology) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/24 12:45 |
| S6    | 4837   | (distance adj function)   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/24 12:50 |
| S7    | 46788  | (network cluster) WITH capacity   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/24 12:54 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S8  | 58363 | (network cluster) WITH (delay propagation) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 12:55 |
| S10 | 5     | (dimensional WITH RTT)                     | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 13:30 |
| S11 | 275   | (vector adj space) SAME network            | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 13:31 |
| S12 | 44815 | (network WITH capacity)                    | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 13:32 |
| S13 | 26309 | (network WITH loss)                        | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 13:33 |
| S14 | 1830  | (feature WITH vector) same Network         | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 13:33 |
| S15 | 47277 | (network WITH delay)                       | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 13:34 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S16 | 20505 | (node WITH delay)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:35 |
| S18 | 23079 | (user AND network AND application) SAME<br>(attribute criteria criterion requirement)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:37 |
| S19 | 1023  | (path adj loss) SAME network   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:38 |
| S20 | 25606 | (user AND network AND application) SAME<br>(attribute criteria criterion requirement constraint) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:39 |
| S21 | 10174 | ((list table) WITH (node computer server))<br>SAME (network AND application)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:41 |
| S22 | 408   | (obtaining getting) WITH (quality near2 service)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:42 |
| S23 | 7756  | ((forming creating designing outputting)<br>WITH ((list table) WITH (node computer server))      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:43 |

## EAST Search History

|     |          |  |  |    |    |                  |
|-----|----------|--|--|----|----|------------------|
| S24 | 105      | (extracting getting) WITH (vectors with network)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:44 |
| S25 | 1588     | ((forming building creating designing outputting) WITH ((network cluster) WITH (constraint attribute criteria criterion requirement))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:47 |
| S26 | 173      | (obtaining getting reading) WITH ((network cluster) WITH (loss))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:48 |
| S27 | 6345     | ((forming building creating outputting compiling) WITH (capacity)) AND network   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:51 |
| S28 | 150      | ((clustering) SAME ((network AND application) SAME (attribute requirement criteria criterion)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:55 |
| S29 | 58503    | "709"/\$3.cols.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:55 |
| S30 | 25310247 | @ad<="20031203"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:56 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S32 | 43947 | S29 AND S30                               | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:57 |
| S33 | 18    | S28 AND S32                               | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 13:58 |
| S34 | 6603  | 709/226.ccls. 709/235.ccls. 709/229.ccls. | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:10 |
| S35 | 5537  | S34 AND S30                               | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:11 |
| S36 | 0     | S35 AND S28                               | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:11 |
| S37 | 234   | S4 AND S35                                | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:12 |
| S38 | 3979  | S5 AND S35                                | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:12 |

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|     |     |             |  |    |    |                  |
|-----|-----|-------------|--|----|----|------------------|
| S39 | 4   | S6 AND S35  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:13 |
| S40 | 730 | S7 AND S35  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:13 |
| S41 | 596 | S8 AND S35  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:13 |
| S42 | 0   | S9 AND S35  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:13 |
| S43 | 0   | S10 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:13 |
| S44 | 0   | S11 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:13 |
| S45 | 696 | S12 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:13 |

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|     |      |             |  |    |    |                  |
|-----|------|-------------|--|----|----|------------------|
| S46 | 301  | S13 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S47 | 6    | S14 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S48 | 525  | S15 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S49 | 168  | S16 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S50 | 2788 | S17 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S51 | 598  | S18 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S52 | 1    | S19 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |

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|     |     |             |  |    |    |                  |
|-----|-----|-------------|--|----|----|------------------|
| S53 | 648 | S20 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S54 | 341 | S21 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S55 | 15  | S22 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S56 | 108 | S23 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S57 | 0   | S24 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S58 | 23  | S25 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |
| S59 | 2   | S26 AND S35 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:14 |

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|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S60 | 48   | S27 AND S35  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:15 |
| S61 | 0    | S28 AND S35  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:15 |
| S62 | 8773 | 709/226.ccls. 709/235.ccls. 709/229.ccls.<br>709/225.ccls. | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:18 |
| S63 | 7175 | S62 AND S30  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:18 |
| S64 | 0    | S63 AND S1   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S65 | 305  | S63 AND S4   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S66 | 5163 | S63 AND S5   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |

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|     |     |             |  |    |    |                  |
|-----|-----|-------------|--|----|----|------------------|
| S67 | 5   | S63 AND S6  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S68 | 897 | S63 AND S7  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S69 | 758 | S63 AND S8  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S70 | 0   | S63 AND S9  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S71 | 0   | S63 AND S10 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S72 | 0   | S63 AND S11 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S73 | 863 | S63 AND S12 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |

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|     |      |             |  |    |    |                  |
|-----|------|-------------|--|----|----|------------------|
| S74 | 367  | S63 AND S13 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S75 | 7    | S63 AND S14 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S76 | 658  | S63 AND S15 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S77 | 201  | S63 AND S16 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S78 | 3627 | S63 AND S17 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S79 | 784  | S63 AND S18 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S80 | 4    | S63 AND S19 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |

## EAST Search History

|     |     |             |  |    |    |                  |
|-----|-----|-------------|--|----|----|------------------|
| S81 | 842 | S63 AND S20 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S82 | 425 | S63 AND S21 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S83 | 19  | S63 AND S22 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S84 | 142 | S63 AND S23 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S85 | 0   | S63 AND S24 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S86 | 32  | S63 AND S25 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S87 | 2   | S63 AND S26 | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |

## EAST Search History

|     |     |                      |  |    |    |                  |
|-----|-----|----------------------|--|----|----|------------------|
| S88 | 58  | S63 AND S27          | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S89 | 252 | S65 AND S66          | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:21 |
| S90 | 2   | "20050010571"        | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:38 |
| S91 | 32  | S81 AND (clustering) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:42 |
| S92 | 32  | S91 AND S20          | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 14:45 |
| S93 | 4   | S5 AND S6 AND S63    | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:16 |
| S94 | 897 | S7 AND S63           | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:18 |

## EAST Search History

|      |     |   |  |    |    |                  |
|------|-----|---|--|----|----|------------------|
| S95  | 832 | S94 AND (map graph diagram display)   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:19 |
| S96  | 231 | S7 AND S8 AND S63   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:21 |
| S97  | 108 | S96 AND (map graph)   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:24 |
| S98  | 99  | S96 AND (map\$3)  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:25 |
| S99  | 107 | S96 AND (map\$4)  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:25 |
| S100 | 40  | S99 AND S18   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:27 |
| S101 | 447 | ((user AND network AND application) SAME<br>(attribute criteria criterion requirement))<br>AND fusion | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:35 |

## EAST Search History

|          |       |   |  |    |    |                  |
|----------|-------|---|--|----|----|------------------|
| S10<br>2 | 7     | S101 AND S63  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:36 |
| S10<br>3 | 19108 | ((user AND network AND application) SAME<br>(attribute criteria criterion requirement))<br>AND (gam\$3 large (real adj time)) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:36 |
| S10<br>4 | 648   | S103 AND S63  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:37 |
| S10<br>5 | 23079 | ((user AND network AND application) SAME<br>(attribute criteria criterion requirement))<br>AND (gam\$3 user (real adj time))  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:40 |
| S10<br>6 | 12504 | ((user AND network AND application) SAME<br>(attribute criteria criterion requirement))<br>AND (gam\$3 (real adj time))       | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:40 |
| S10<br>7 | 1601  | ((user AND network AND application) SAME<br>(attribute criteria criterion requirement))<br>AND (collaborative)                | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:41 |
| S10<br>8 | 57    | S107 AND S63  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:41 |

## EAST Search History

|          |       |   |  |    |    |                  |
|----------|-------|---|--|----|----|------------------|
| S10<br>9 | 0     | S20 AND S11 AND S63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:47 |
| S11<br>0 | 3714  | S8 AND S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:48 |
| S11<br>1 | 137   | S8 AND S20 AND S63  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:49 |
| S11<br>2 | 842   | S63 AND S20   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:57 |
| S11<br>3 | 50847 | (network AND application) SAME (attribute<br>criteria criterion requirement constraint) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:57 |
| S11<br>4 | 1223  | S113 AND S63  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:57 |
| S11<br>5 | 0     | S114 AND S26  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:58 |

## EAST Search History

|          |      |  |  |    |    |                  |
|----------|------|--|--|----|----|------------------|
| S11<br>6 | 25   | S113 AND S26                                   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 15:58 |
| S11<br>7 | 8934 | middleware AND network                         | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:06 |
| S11<br>8 | 2011 | middleware WITH network                        | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:06 |
| S11<br>9 | 637  | S118 AND S113                                  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:08 |
| S12<br>0 | 38   | S119 AND S63                                   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:08 |
| S12<br>1 | 31   | S120 AND (bandwidth capacity interest)         | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:09 |
| S12<br>2 | 14   | S120 AND (bandwidth AND capacity AND interest) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:14 |

## EAST Search History

|          |     |                                      |  |    |    |                  |
|----------|-----|--------------------------------------|--|----|----|------------------|
| S12<br>3 | 0   | Solotorevsky.IN.                     | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:39 |
| S12<br>4 | 1   | "495495".apn.                        | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:39 |
| S12<br>5 | 6   | solotorevsky.IN.                     | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:40 |
| S12<br>6 | 4   | Krisi.IN.                            | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:41 |
| S12<br>7 | 4   | Meltzin.IN.                          | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:44 |
| S12<br>8 | 933 | (network ADJ capacity) AND attribute | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:47 |
| S12<br>9 | 40  | S128 AND S63                         | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 16:48 |

## EAST Search History

|          |     |  |  |    |    |                  |
|----------|-----|--|--|----|----|------------------|
| S13<br>0 | 1   | "669750".apn.  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:15 |
| S13<br>1 | 158 | Cheston.IN.  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:16 |
| S13<br>2 | 816 | Cromer.IN.   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:24 |
| S13<br>3 | 685 | Locker.IN.   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:31 |
| S13<br>4 | 5   | S133 AND S63   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:31 |
| S13<br>5 | 2   | abstracting WITH ((network application)<br>ADJ (profile settings characteristic<br>attribute)) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:34 |
| S13<br>6 | 100 | obtaining WITH ((network application) ADJ<br>(profile settings characteristic attribute))      | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:34 |

## EAST Search History

|          |     |  |  |    |    |                  |
|----------|-----|--|--|----|----|------------------|
| S13<br>7 | 42  | obtaining WITH ((network application) ADJ (profile settings characteristic attribute) AND ((application) ADJ (profile settings characteristic attribute))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:36 |
| S13<br>8 | 42  | obtaining WITH ((network application) ADJ (profile setting characteristic attribute) AND ((application) ADJ (profile settings characteristic attribute)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:37 |
| S13<br>9 | 101 | overlay near2 multicast  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:39 |
| S14<br>0 | 2   | S139 AND S63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:39 |
| S14<br>1 | 183 | Communication adj interest   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:42 |
| S14<br>2 | 6   | S141 AND S63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:42 |
| S14<br>3 | 3   | clustering WITH (Communication adj interest)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:44 |

## EAST Search History

|          |     |   |  |    |    |                  |
|----------|-----|---|--|----|----|------------------|
| S14<br>4 | 13  | clustering WITH (Communication adj (need requirement criteria))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:52 |
| S14<br>5 | 0   | S144 AND S63  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:53 |
| S14<br>6 | 172 | (mapping adj2 nodes) WITH (network)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:55 |
| S14<br>7 | 13  | S146 AND S63  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:55 |
| S14<br>8 | 75  | (mapping adj nodes) WITH (network)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:57 |
| S14<br>9 | 10  | S148 AND S63  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 17:57 |
| S15<br>0 | 9   | (optimizing) SAME (network adj (attribute criteria requirement) AND (application adj attribute criteria requirement)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 18:01 |

## EAST Search History

|       |       |  |  |    |    |                  |
|-------|-------|--|--|----|----|------------------|
| S15 1 | 9     | (optimizing) SAME (network adj (attribute criteria requirement) AND ((application software) adj attribute criteria requirement)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:03 |
| S15 2 | 11    | (optimizing) SAME (network adj (attribute criteria requirement))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:03 |
| S15 3 | 0     | S152 AND S63   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:04 |
| S15 4 | 0     | reclustering adj node  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:06 |
| S15 5 | 0     | (re adj cluster\$3) adj node   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:07 |
| S15 6 | 6     | (re adj cluster\$3) WITH node  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:07 |
| S15 7 | 17812 | (client with (interest requirement criteria))  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:09 |

## EAST Search History

|          |      |                                     |  |    |    |                  |
|----------|------|-------------------------------------|--|----|----|------------------|
| S15<br>8 | 667  | S157 AND S63                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 18:09 |
| S15<br>9 | 4928 | (QOS (quality adj service)) AND S20 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 18:13 |
| S16<br>0 | 221  | S159 AND S63                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 18:14 |
| S16<br>1 | 6    | S160 AND (clustering)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 18:16 |
| S16<br>2 | 127  | S160 AND (bandwidth AND capacity)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 18:18 |
| S16<br>3 | 127  | S162 AND S20                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/24 18:18 |
| S16<br>4 | 2    | "5894556".pn.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/25 09:32 |

## EAST Search History

|          |          |  |  |    |    |                  |
|----------|----------|--|--|----|----|------------------|
| S16<br>5 | 121      | clustering SAME (distance adj function)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:40 |
| S16<br>6 | 25311721 | @ad<= "20031203"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:41 |
| S16<br>7 | 71       | S165 AND S166  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:41 |
| S16<br>8 | 7        | (clustering AND sub) SAME (distance adj function)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:44 |
| S16<br>9 | 6        | S168 AND S166  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:44 |
| S17<br>0 | 1        | (clustering AND sub) SAME ((weighted ADJ distance) near2 (function)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:46 |
| S17<br>1 | 2        | (clustering) SAME ((weighted ADJ distance) near2 (function))         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:46 |

## EAST Search History

|          |       |   |  |    |    |                  |
|----------|-------|---|--|----|----|------------------|
| S17<br>2 | 121   | (clustering) SAME (distance ADJ function)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:47 |
| S17<br>3 | 14    | (weighted ADJ distance) ADJ function            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:49 |
| S17<br>4 | 9     | S173 AND S166                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:50 |
| S17<br>5 | 801   | (clustering) AND (distance WITH nodes)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:51 |
| S17<br>6 | 547   | S175 AND S166                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:52 |
| S17<br>7 | 10331 | (clustering function) AND (distance WITH nodes) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:53 |
| S17<br>8 | 801   | (clustering) AND (distance WITH nodes)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 13:53 |

## EAST Search History

|          |          |  |  |    |    |                  |
|----------|----------|--|--|----|----|------------------|
| S17<br>9 | 28       | (pinging SAME attributes)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 18:32 |
| S18<br>0 | 16       | S179 AND S166                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/30 18:33 |
| S18<br>1 | 4195     | bandwidth WITH (map graph)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:50 |
| S18<br>2 | 25311721 | @ad<= "20031203"                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:50 |
| S18<br>3 | 2933     | S181 AND S182                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:50 |
| S18<br>4 | 273      | (bandwidth WITH (map graph)) SAME node | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:52 |
| S18<br>5 | 200      | S184 AND S182                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:52 |

## EAST Search History

|          |     |   |  |    |    |                  |
|----------|-----|---|--|----|----|------------------|
| S18<br>6 | 143 | S185 AND (constraint requirement)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:53 |
| S18<br>7 | 143 | S186 AND S185   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:54 |
| S18<br>8 | 122 | (loss WITH (map graph)) SAME node                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:58 |
| S18<br>9 | 79  | S188 AND S182   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 06:58 |
| S19<br>0 | 24  | (((packet path) ADJ loss) WITH (graph map)) SAME node | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:05 |
| S19<br>1 | 12  | S190 AND S182   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:06 |
| S19<br>2 | 149 | (((packet path) ADJ loss) WITH (graph map)) AND node  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:10 |

## EAST Search History

|          |       |   |  |    |    |                  |
|----------|-------|---|--|----|----|------------------|
| S19<br>3 | 98    | S192 AND S182   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:10 |
| S19<br>4 | 58681 | "709"/\$3.cols.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:11 |
| S19<br>5 | 33    | S194 AND S193   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:11 |
| S19<br>6 | 33    | S195 AND S192   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:12 |
| S19<br>7 | 3511  | ((forward capacity) WITH (graph map))<br>AND node     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:58 |
| S19<br>8 | 3     | ((forward ADJ capacity) WITH (graph<br>map)) AND node | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 07:58 |
| S19<br>9 | 2373  | S197 AND S182   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:02 |

## EAST Search History

|          |       |   |  |    |    |                  |
|----------|-------|---|--|----|----|------------------|
| S20<br>0 | 269   | S199 AND S194                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:06 |
| S20<br>1 | 2     | S198 AND S200                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:08 |
| S20<br>2 | 269   | S197 AND S200                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:08 |
| S20<br>3 | 18277 | ((forward capacity) WITH (graph map))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:15 |
| S20<br>4 | 12793 | S203 AND S182                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:15 |
| S20<br>5 | 420   | S204 AND S194                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:16 |
| S20<br>6 | 3     | ((forward ADJ capacity) WITH (graph map)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:18 |

## EAST Search History

|          |    |   |  |    |    |                  |
|----------|----|---|--|----|----|------------------|
| S20<br>7 | 40 | ((network ADJ capacity) WITH (graph map))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:18 |
| S20<br>8 | 8  | S207 AND S194 AND S182                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:19 |
| S20<br>9 | 62 | ((buffer ADJ capacity) WITH (graph map))              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:21 |
| S21<br>0 | 7  | ((buffer ADJ capacity) WITH (graph map))<br>AND node  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:22 |
| S21<br>1 | 1  | ((buffer ADJ capacity) WITH (graph map))<br>SAME node | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:22 |
| S21<br>2 | 1  | ((path ADJ capacity) WITH (graph map))<br>SAME node   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:22 |
| S21<br>3 | 5  | ((path ADJ capacity) WITH (graph map))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:23 |

## EAST Search History

|          |     |  |  |    |    |                  |
|----------|-----|--|--|----|----|------------------|
| S21<br>4 | 3   | ((forward ADJ capacity) WITH (graph map))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:23 |
| S21<br>5 | 1   | ((message ADJ capacity) WITH (graph map))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:26 |
| S21<br>6 | 5   | ((forward ADJ capacity) SAME (graph map))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 08:26 |
| S21<br>7 | 41  | ((bandwidth ADJ capacity) SAME (graph map))                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 09:03 |
| S21<br>8 | 30  | S217 AND S182  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 09:04 |
| S21<br>9 | 2   | "20050120105"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 10:38 |
| S22<br>0 | 257 | (((packet path) ADJ loss) WITH (graph map table sheet)) AND node | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 11:07 |

## EAST Search History

|          |          |                                 |  |    |    |                  |
|----------|----------|---------------------------------|--|----|----|------------------|
| S22<br>1 | 159      | S220 AND S182                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 11:08 |
| S22<br>2 | 2        | "20030097438"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 11:47 |
| S22<br>3 | 406      | (feature ADJ vectors) SAME node | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:41 |
| S22<br>4 | 25311721 | @ad<= "20031203"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:42 |
| S22<br>5 | 276      | S223 AND S224                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:42 |
| S22<br>6 | 58681    | "709"/\$3.cols.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:42 |
| S22<br>7 | 4        | S226 AND S225                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:42 |

## EAST Search History

|          |     |   |  |    |    |                  |
|----------|-----|---|--|----|----|------------------|
| S22<br>8 | 147 | (vector ADJ space) SAME node  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:52 |
| S22<br>9 | 99  | S228 AND S224   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:52 |
| S23<br>0 | 7   | S229 AND S226   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:52 |
| S23<br>1 | 0   | (extracting WITH (vector ADJ space))<br>SAME node   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 15:57 |
| S23<br>2 | 7   | (communication SAME (vector ADJ space))<br>SAME node  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/31 16:00 |
| S23<br>3 | 102 | ("20050120105" "20040246901" "6061335"<br>"5754938" "5754939" "5835087"<br>"6029195" "6195622" "6460036"<br>"5535213" "5832222" "6256309"<br>"6600724" "6717920" "5402478"<br>"5486836" "5682460" "5838207"<br>"6044075" "6047219" "6185193"<br>"6330586" "20040246900" "20040246904"<br>"20030063585" "5706288" "6144661"<br>"6167028" "6205128" "6330236"<br>"6370144" "6389031" "6668175"<br>"6721272" "6768738" "6987779"<br>"7096040" "20040202184" "20040218607"<br>"20050047335" "20050053046"<br>"20050088968" "20050122945"<br>"20050129013" "20050135375"<br>"20050135389" "20050149754"<br>"20050238026" "20050239458"<br>"20060002377").pn. | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/07 09:23 |

## EAST Search History

|          |          |  |  |    |    |                  |
|----------|----------|--|--|----|----|------------------|
| S23<br>4 | 170      | (k-means) AND (network\$3) AND (Kohonen)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:47 |
| S23<br>5 | 25344830 | @ad<= "20031203"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:48 |
| S23<br>6 | 93       | S234 AND S235  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:48 |
| S23<br>7 | 6868     | 709/226.ccls. 709/235.ccls. 709/229.ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:50 |
| S23<br>8 | 9116     | 709/226.ccls. 709/235.ccls. 709/229.ccls.<br>709/225.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:50 |
| S23<br>9 | 0        | S236 AND S238 AND S237                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:50 |
| S24<br>0 | 0        | (k-means) SAME (network\$3) SAME (Kohonen ADJ maps)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:55 |

## EAST Search History

|          |     |   |  |    |    |                  |
|----------|-----|---|--|----|----|------------------|
| S24<br>1 | 55  | (k-means) SAME (network\$3) SAME (self-organizing ADJ maps) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:57 |
| S24<br>2 | 28  | S241 AND S235   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 17:57 |
| S24<br>3 | 847 | ((Kohonen ADJ maps)(self-organizing ADJ maps)) AND (vector) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:17 |
| S24<br>4 | 521 | S243 AND S235   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:19 |
| S24<br>5 | 0   | S244 AND S237   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:19 |
| S24<br>6 | 0   | S244 AND S238   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:19 |
| S24<br>7 | 405 | S243 AND (constraints requirements attributes)              | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:37 |

## EAST Search History

|          |     |  |  |    |    |                  |
|----------|-----|--|--|----|----|------------------|
| S24<br>8 | 540 | S243 AND (constraints requirements attributes) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:38 |
| S24<br>9 | 331 | S248 AND S235                                  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:38 |
| S25<br>0 | 2   | "7143159"                                      | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:53 |
| S25<br>1 | 54  | "6192401"                                      | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:54 |
| S25<br>2 | 2   | "6192401".pn.                                  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:54 |
| S25<br>3 | 2   | "5870559".pn.                                  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:55 |
| S25<br>4 | 2   | "5870559".pn.                                  | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:57 |

## EAST Search History

|          |      |   |  |    |    |                  |
|----------|------|---|--|----|----|------------------|
| S25<br>5 | 2    | "6684255".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 18:57 |
| S25<br>6 | 0    | ((sampling WITH variance) WITH<br>(attributes constraints)) SAME (vectors<br>AND network) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 19:02 |
| S25<br>7 | 0    | ((regresion) WITH (attributes constraints))<br>SAME (vectors AND network)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 19:04 |
| S25<br>8 | 3    | ((regression) WITH (attributes<br>constraints)) SAME (vectors AND network)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 19:04 |
| S25<br>9 | 2255 | (attributes constraints) SAME (vectors AND<br>network)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 19:04 |
| S26<br>0 | 1435 | S259 AND S235   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/18 19:06 |
| S26<br>1 | 2    | "20050120105"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:18 |

## EAST Search History

|          |      |   |  |    |    |                  |
|----------|------|---|--|----|----|------------------|
| S26<br>2 | 122  | (clustering) SAME (program WITH (computer ADJ readable ADJ medium))                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:20 |
| S26<br>3 | 4    | (clustering WITh network) SAME (program WITh (computer ADJ readable ADJ medium))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:32 |
| S26<br>4 | 2    | "5828843".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:47 |
| S26<br>5 | 2    | "20050076137"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/20 16:47 |
| S26<br>6 | 2    | "20050120105"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 11:58 |
| S26<br>7 | 5    | vector near3 cluster\$3 near3 nodes near3 (weight values attributes constraints)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/27 11:59 |
| S26<br>8 | 1    | 10/725298   | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 13:27 |
| S26<br>9 | 1581 | (obtain\$3 input\$4 get\$4) WITH (user client customer) WITH (update subscription) AND (vector) | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 13:32 |

## EAST Search History

|          |          |  |  |    |    |                  |
|----------|----------|--|--|----|----|------------------|
| S27<br>0 | 10029    | 709/226.ccls. 709/235.ccls. 709/229.ccls. 709/225.ccls.  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 13:32 |
| S27<br>1 | 40       | S269 AND S270  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:32 |
| S27<br>2 | 28017744 | @ad<="20031203" @lad<="20031203"   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 13:32 |
| S27<br>3 | 37       | S271 AND S272  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:42 |
| S27<br>4 | 11792    | (obtain\$3 input\$4 get\$4) WITH (user client customer) WITH (update subscription)                     | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:52 |
| S27<br>5 | 327      | S274 AND S270  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:53 |
| S27<br>6 | 283      | S275 AND S272  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:53 |
| S27<br>7 | 206      | (obtain\$3 input\$4 get\$4) WITH (user client customer) WITH (update AND subscription)                 | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:54 |
| S27<br>8 | 113      | S277 AND S272  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:54 |
| S27<br>9 | 0        | (obtain\$3 input\$4 get\$4) WITH (user client customer) WITH (update AND subscription) SAME (vector)   | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:56 |
| S28<br>0 | 0        | ((obtain\$3 input\$4 get\$4) WITH (user client customer) WITH (update AND subscription)) SAME (vector) | US_PGPUB; USPAT  | OR | ON | 2008/09/08 13:56 |
| S28<br>1 | 0        | (user) WITH (interest) WITH (update AND subscription AND proximal)                                     | US_PGPUB; USPAT  | OR | ON | 2008/09/08 14:02 |
| S28<br>2 | 811      | (user) WITH (interest) WITH (update)   | US_PGPUB; USPAT  | OR | ON | 2008/09/08 14:02 |
| S28<br>3 | 19       | (user) WITH (interest) WITH (update) WITH (attribute)  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 14:02 |
| S28<br>4 | 11       | S283 AND S272  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 14:02 |
| S28<br>5 | 10       | (user) WITH (interest) WITH (subscription) WITH (attribute)  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 14:08 |
| S28<br>6 | 0        | (user) WITH (attributes) WITH (distance update)  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 14:12 |
| S28<br>7 | 1338     | (user) WITH (attributes) WITH (distance update)  | US_PGPUB; USPAT  | OR | ON | 2008/09/08 14:12 |

## EAST Search History

|          |       |   |                    |    |    |                  |
|----------|-------|---|--------------------|----|----|------------------|
| S28<br>8 | 27    | (user) WITH (attributes) WITH (distance AND update)                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 14:12 |
| S28<br>9 | 25    | S288 AND S272   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 14:13 |
| S29<br>0 | 308   | (content WITH update) SAME (vector)   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 14:17 |
| S29<br>1 | 170   | (content WITH update) WITH (vector)   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 14:17 |
| S29<br>2 | 0     | S291 AND S270   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 14:18 |
| S29<br>3 | 137   | S291 AND S272   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 14:18 |
| S29<br>4 | 20    | (user) WITH (subscription) WITH (vector)  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 14:21 |
| S29<br>5 | 1     | "20050210102"   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:07 |
| S29<br>6 | 253   | (user) WITH (interest) WITH (feed)  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:12 |
| S29<br>7 | 10    | (communication) WITH (user) WITH (interest) WITH (feed)                             | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:14 |
| S29<br>8 | 2358  | (communication) WITH (user) WITH (interests)  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:15 |
| S29<br>9 | 0     | (weighing) WITH (communication) WITH (user) WITH (interests)                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:15 |
| S30<br>0 | 7     | (weight) WITH (communication) WITH (user) WITH (interests)                          | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:15 |
| S30<br>1 | 11    | (obtain\$3 get\$4) WITH (user) WITH (interests) WITH (feed)                         | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:17 |
| S30<br>2 | 1     | "20050210102"   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:24 |
| S30<br>3 | 1     | "7035926".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:25 |
| S30<br>4 | 240   | (content WITH update) WITH (interest)   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:28 |
| S30<br>5 | 130   | S304 AND S272   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:44 |
| S30<br>6 | 0     | (match\$3) WITH (user) WITH (communication ADJ interest) WITH (update)              | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:50 |
| S30<br>7 | 0     | (user) WITH (communication ADJ interest) WITH (update)                              | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:50 |
| S30<br>8 | 2829  | (user customer client) WITH (communication) WITH (interest)                         | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:51 |
| S30<br>9 | 11790 | (user customer client) WITH (communication) WITH (interests requirements desire\$3) | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 15:52 |

## EAST Search History

|          |      |   |  |    |    |                  |
|----------|------|---|--|----|----|------------------|
| S31<br>0 | 1178 | ((user customer client) WITH<br>(communication) WITH (interests<br>requirements desire\$3)) SAME (content<br>feed website ADJ Update) | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:52 |
| S31<br>1 | 1178 | S309 AND S310   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:52 |
| S31<br>2 | 635  | S311 AND S272   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:52 |
| S31<br>3 | 37   | S312 AND S270   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:53 |
| S31<br>4 | 499  | ((user customer client) WITH<br>(communication) WITH (interests)) SAME<br>(content feed website ADJ Update)                           | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:55 |
| S31<br>5 | 1    | ((user customer client) WITH<br>(communication) WITH (interests)) SAME<br>((content feed website) ADJ Update)                         | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:55 |
| S31<br>6 | 31   | ((user customer client) WITH (interests))<br>SAME ((content feed website) ADJ Update)   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:55 |
| S31<br>7 | 19   | S316 AND S272   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 15:56 |
| S31<br>8 | 2    | "20030025720"   | US_PGPUB;<br>USPAT;<br>USOOR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/08 16:18 |
| S31<br>9 | 2    | "2004147248"  | US_PGPUB;<br>USPAT;<br>USOOR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/08 16:18 |
| S32<br>0 | 2    | "20050210102"   | US_PGPUB;<br>USPAT;<br>USOOR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/08 16:23 |
| S32<br>1 | 2    | "20010016825"   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 16:25 |
| S32<br>2 | 1    | "20010027474"   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 16:25 |
| S32<br>3 | 1    | "20010038624"   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 16:28 |
| S32<br>4 | 0    | "200501468"   | US_PGPUB;<br>USPAT   | OR | ON | 2008/09/08 16:28 |

## EAST Search History

|          |      |  |                    |    |    |                  |
|----------|------|--|--------------------|----|----|------------------|
| S32<br>5 | 0    | "2005014688"   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:28 |
| S32<br>6 | 1    | "20050141688"  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:28 |
| S32<br>7 | 4    | (communication ADJ interest) SAME<br>(subscription)  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:30 |
| S32<br>8 | 1    | (communication ADJ interest) WITH<br>(content ADJ update)                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:30 |
| S32<br>9 | 1    | (communication ADJ interest) WITH ((feed<br>content) ADJ update)                             | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:33 |
| S33<br>0 | 0    | (user ADJ interest) WITH ((feed content)<br>ADJ update)                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:33 |
| S33<br>1 | 1    | (user near3 interest) WITH ((feed content)<br>ADJ update)                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:34 |
| S33<br>2 | 34   | (user) WITH (communication ADJ interest)   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:38 |
| S33<br>3 | 24   | S332 AND S272  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:39 |
| S33<br>4 | 42   | (combin\$3 match\$2) WITH (user ADJ<br>(interests attributes)) SAME (update<br>subscription) | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:42 |
| S33<br>5 | 9346 | (request SAME (updat\$3 modify\$3<br>chang\$3) near4 content)                                | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:59 |
| S33<br>6 | 6259 | S335 AND S272  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:59 |
| S33<br>7 | 327  | S336 AND S270  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 16:59 |
| S33<br>8 | 180  | (RSS near4 update)   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:06 |
| S33<br>9 | 21   | S338 AND S272  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:07 |
| S34<br>0 | 1    | "20050210102"  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:09 |
| S34<br>1 | 124  | (Aaron near2 Johnson).IN.  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:09 |
| S34<br>2 | 1    | "20020026498"  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:12 |
| S34<br>3 | 1    | "20010027474"  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:21 |
| S34<br>4 | 1    | "20040034706"  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:23 |
| S34<br>5 | 6    | "20020123988"  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:23 |
| S34<br>6 | 6    | "20020123988"  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/08 17:24 |

## EAST Search History

|          |      |  |  |    |    |                  |
|----------|------|--|--|----|----|------------------|
| S34<br>7 | 24   | (user) WITH (interested near2 domains)   | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 17:48 |
| S34<br>8 | 1    | "7035926".pn.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 17:49 |
| S34<br>9 | 1    | "20050210102"  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 17:50 |
| S35<br>0 | 19   | (enhanc\$3 facilitat\$3 improv\$3) WITH<br>(communication interaction) WITH (users)<br>WITH (like similar sam\$1) WITH (interests) | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 17:52 |
| S35<br>1 | 1390 | (request with (content near4 updates))   | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:33 |
| S35<br>2 | 9    | (interest) WITH (request with (content<br>near4 updates))  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:33 |
| S35<br>3 | 11   | (interest) WITH (request with (proximal))  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:34 |
| S35<br>4 | 510  | (interest) WITH (request with<br>(application))  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:36 |
| S35<br>5 | 1    | (interest) WITH (request with (content ADJ<br>update))   | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:37 |
| S35<br>6 | 119  | (interest) WITH (request with<br>(subscription))   | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:39 |
| S35<br>7 | 61   | S356 AND S272  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:39 |
| S35<br>8 | 239  | (collaborat\$3) WITH (users) WITH<br>(update)  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:42 |
| S35<br>9 | 6    | S358 AND S270  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:42 |
| S36<br>0 | 1    | "20040068667"  | US-PGPUB;<br>USPAT   | OR | ON | 2008/09/08 18:53 |
| S36<br>1 | 1019 | (classify\$3 match\$3 group\$3) WITH<br>(users) WITH (subscriptions)   | US-PGPUB;<br>USPAT;<br>USCOR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/08 19:29 |
| S36<br>2 | 561  | S361 AND S272  | US-PGPUB;<br>USPAT;<br>USCOR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/08 19:29 |

## EAST Search History

|          |          |   |  |    |    |                  |
|----------|----------|---|--|----|----|------------------|
| S36<br>3 | 4        | (communication ADJ interest) WITH<br>(subscription update)              | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/08 19:38 |
| S36<br>4 | 7        | (customer ADJ interest) WITH (subscription<br>update)                   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/08 19:39 |
| S36<br>5 | 1442     | (obtain\$3 reciev\$3) WITH (request) WITH<br>(update)                   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 15:06 |
| S36<br>6 | 28018833 | @ad<="20031203" @rlad<="20031203"                                       | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 15:06 |
| S36<br>7 | 879      | S365 AND S366   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 15:06 |
| S36<br>8 | 46       | S367 AND (vector)   | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 15:07 |
| S36<br>9 | 10       | S367 AND (classifying profiling<br>categorizing) WITH (users customers) | US_PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 15:25 |

## EAST Search History

|       |      |  |  |    |    |                  |
|-------|------|--|--|----|----|------------------|
| S37 0 | 81   | ((user customer client) WITH (subscription) WITH (specific) SAME (interest)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 15:31 |
| S37 1 | 46   | S370 AND S366  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 15:32 |
| S37 3 | 6    | S371 AND (close\$3 near\$3 proximal) WITH (server provider website)          | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 15:48 |
| S37 4 | 6    | S371 AND (close\$3 near\$3 proximal) WITH (server provider website domains)  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 15:48 |
| S37 5 | 2255 | (user) SAME (topic near3 interest)   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 15:56 |
| S37 6 | 520  | (user) SAME (topic near3 interest) SAME (request\$3 subscri\$5)              | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 15:56 |
| S37 7 | 341  | S376 AND S366  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 15:56 |

## EAST Search History

|          |    |  |  |    |    |                  |
|----------|----|--|--|----|----|------------------|
| S37<br>8 | 54 | S377 AND (close\$3 near\$3 proximal) WITH<br>(server provider website domains) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 15:57 |
| S37<br>9 | 34 | S378 AND (updated latest newest) WITH<br>(data content website feed)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 15:59 |
| S38<br>1 | 2  | "5828843".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 18:20 |
| S38<br>2 | 2  | "20050076137"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 18:24 |
| S38<br>3 | 1  | S381 AND (vector)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 18:26 |
| S38<br>4 | 2  | "20050120105"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/09 21:11 |